

CALSIM II Science Review  
Nov 13-14<sup>th</sup>  
Bay-Delta Room, CBDA Offices  
650 Capitol Mall, 5<sup>th</sup> Floor  
Sacramento, CA

## **Day 1: The Management Context, Model and Application Details**

- 9:00 Welcome – Kim Taylor
- Overview of the CALFED Bay Delta Program -
  - [Introduction of the Panel](#)
- 9:15 Water issues in California – [Francis Chung](#)
- General Hydrology
  - SWP/CVP
  - Sacramento-San Joaquin Delta – [Ron Ott](#)
- 9:35 Panel Q&A
- 9:45 Planning Models – [Andy Draper](#)
- CALSIM software
  - CALSIM II application overview
  - Interaction with other models
- 10:10 Panel Q&A
- 10:20 Break
- 10:30 Summary of CALSIM Applications
- DPLA/CalFed/US Bureau of Reclamation: Integrated Storage Investigations – [Steve Roberts](#)
  - Bay Delta Office (DWR): SWP Delivery Reliability Report - [Kathy Kelly](#)
  - USBR: Multi-layered modeling to simulate CVPIA (b)(2) water and Environmental Water Account Operations – [Nancy Parker](#)
  - Operations Control Office (DWR): Oroville Relicensing, SWP Allocation decision procedure – [Curtis Creel](#)
  - Department of Planning and Local Assistance (DWR): California Water Plan Update – [Kamyar Guivetchi/Ken Kirby](#)
- 12:15 Panel Q&A
- 12:30 Lunch

- 1:15 Summary of User and Stakeholder Interviews  
1:15 Interview Summary and Findings – [UC Davis](#)  
1:35 Panel Q&A  
1:50 Public Comment
- 2:15 CalSim II Details
- Development philosophy – [Francis Chung](#)
  - Operation priorities, constraints, common assumptions – [Erik Reyes](#)
  - Hydrology development – [Andy Draper](#)
  - Delta water quality constraints – [Ryan Wilbur](#)
- 3:15 CalSim Evaluation
- Historical Operations Study / Sensitivity Analysis – [Sushil Arora](#)
- 3:30 Panel Q&A
- 3:45 Break
- 4:00 Future Directions
- Data Structure / Version Control / Multi-Period Prescriptive Optimization – [Ryan Wilbur](#)
  - Daily Time Step - [Dan Easton](#)
  - CalSim II – CVGSM Integration – [Tariq Kadir](#)
  - Water Quality / Upstream Models – [Nancy Parker](#)
- 5:00 Panel organizational meeting (additional information needs, questions of specific staff, discussion plan)

## **Day 2—Panel Deliberations and Preliminary Report**

8:30 Panel Q&A with specific DWR and USBR staff on request

9:30 Panel *in camera* discussions

11:00 Panel presentation of draft main findings—[Pete Loucks](#)

12:00 Wrap up and next steps - [Kim Taylor](#)